U.S. Serial No. : Not Yet Known

Filed : Herewith

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## REMARKS

This application is a continuation of U.S. Serial No. 09/938,746, filed August 23, 2001. U.S. Serial No. 09/938,746 has been allowed, but a patent has not issued as of the filing date of this continuation application. Accordingly, the parent application, U.S. Serial No. 09/938,746 is pending today and the subject continuation application is co-pending therewith in fulfillment of the provisions of 35 U.S.C. §120.

By this Preliminary Amendment, applicants have amended the specification on page 1 to insert the continuation data, canceled claims 1-82 and added new claims 83-89. Applicants maintain that the amendments made hereinabove do not raise any issue of new matter. Accordingly, applicants respectfully request entry of this Preliminary Amendment.

## INFORMATION DISCLOSURE STATEMENT

In accordance with their duty of disclosure under 37 C.F.R. \$1.56, applicants would like to direct the Examiner's attention to the following documents which are listed on Form PTO-1449 (Exhibit A) and are also listed below.

This Information Disclosure Statement is being submitted pursuant to 37 C.F.R. \$1.97(b)(3) before the mailing of a first Office Action on the merits. Thus, this Information Disclosure Statement should be entered and considered.

The subject application is a continuation of U.S. Serial No. 09/938,746, filed August 23, 2001. Copies of the documents listed below as items 1-41 have previously been submitted to, or cited by, the U.S. Patent Office in connection with U.S. Serial No. 09/938,746, which the subject application relies upon for an earlier filing date under 35 U.S.C. §120. Therefore, in

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accordance with 37 C.F.R. §1.98(d), copies of the previously submitted documents are not provided. A copy of reference 42 is enclosed as **Exhibit 1**.

- 1. United States Patent No. 3,067,099, issued to McCormick et al. on December 4, 1962;
- 2. United States Patent No. 4,322,343, issued to Denobo on March 30, 1982;
- 3. United States Patent No. 4,946,941, issued to Kondo et al. on August 7, 1990;
- 4. United States Patent No. 5,187,082, issued to Hamill and Yao on February 16, 1993;
- 5. United States Patent No. 5,312,738, issued to Hamill et al. on December 4, 1962;
- 6. United States Patent No. 6,037,447, issued to Stack and Thompson on March 14, 2000;
- 7. United States Patent No. 6,180,604, issued to Fraser et al. on January 30, 2001;
- 8. U.S. Serial No. 09/938,746 filed August 23, 2001 (Chiosis), including the claim set as allowed (**Exhibit 1**)
- 9. PCT International Application No. PCT/GB89/01279, filed October 26, 1989, International Publication No. WO 91/06566, published May 16, 1991;
- 10. Abraham, E. P. and E. Chain, Nature 146, 837 (1940);

Applicants: Gabriela Chiosis et al. U.S. Serial No.: 09/938,746 Filed: August 23, 2001 Page 5

- 11. Perl, T. M., Am. J. Med. 106:5A, 26S-37S (1999);
- 12. Wright, G. D. and C. T. Walsh, Acc. Chem. Res. 25, 468-473 (1992);
- 13. Walsh, C. T., Science 261, 308-309 (1993);
- 14. Silva, J.C. et al., *Proc. Natl. Acad. Sci. U.S.A.* **95** 11951-11956 (1998);
- 15. Arthur, M. et al., Gene 103, 133-134 (1991);
- 16. Bugg, T. D. et al., Biochem. 30, 10408-10415 (1991);
- 17. Wu, Z. and C. T. Walsh, *Proc. Natl. Acad. Sci. U.S.A.* **92**, 11603-11607 (1995);
- 18. Xu, R. et al., J. Am. Chem. Soc. 121, 4898 (1999);
- 19. Ge, M. et al., Science 284, 507-511 (1999);
- 20. Sundram, U. N. et al., *J. Am. Chem. Soc.* **118**, 13107-13108 (1996);
- 21. Ohlmeyer M. H. J. et al., *Proc. Natl. Acad. Sci. U.S.A.* **90**, 10922-10926 (1993);
- 22. Templin, M. F. et al., EMBO J., 18, 4108-4117 (1999);
- 23. Ulijasz, A. T. et al., J. Bacteriol. 178, 6305-6309 (1996);
- 24. Baptista, M. et al., Antimicrob. Agents Chemother. 40,

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Filed: August 23, 2001

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2291-2295 (1996);

- 25. Cheng, Y. et al., J. Am. Chem. Soc. 118, 1813-1814 (1996);
- 26. Burger, M., and W.C. Still, *J. Org. Chem.*, **60**, 7382-7383 (1995);
- 27. Borchardt, A., and W.C. Still, *J. Am. Chem. Soc.* **116**, 373-374 (1994);
- 28. Nelson, R.R., *Journal of Hospital Infection*, **42**, 275-282 (1999);
- 29. T.G. Emori, and R. P. Gaynes, An Overview of Nosocomial Infections, Including the Role of the Microbiology Laboratory, Clin Microbiol. Rev., 6(4):428-442 (1993);
- 30. N. Woodford, Glycopeptide-resistant enterococci: a decade of experience, J. Med. Microbiol. 47:849-862 (1998);
- 31. G. L. French, Enterococci and Vancomycin Resistance, Clin.

  Infect. Dis., Suppl 1:S75-S83 (1998);
- 32. C.T. Walsh, Vancomycin Resistance: Decoding the Molecular Logic, Science, 261:308-309 (1993);
- 33. G.D. Wright et al., Characterization of Vany, a DD-Carboxypeptidase from Vancomycin-Resistant Enterococcus faecium BM4147, Antimicrob. Agents. Chemother., 36(7):1514-1518 (1992);

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Filed: August 23, 2001

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- 34. P.E. Reynolds et al., Glycopeptide resistance mediated by enterococcal transposon Tn 1546 requires production of VanX for hydrolysis of D-alanyl-D-alanine, Mol. Microbiol., 13(6):1065-1070 (1994);
- 35. H. P. Netsler et al., A General Method for Molecular Tagging of Encoded Combinatorial Chemistry Libraries, J. Org. Chem., 59:4723-4724 (1994);
- 36. S. Handwerger et al., Vancomycin Resistance Is Encoded on a Pheromone Response Plasmid in *Entercoccus faecium* 228, Antimicrob. Agents. Chemother., **34**:358-360 (1990);
- 37. A. E. Jacobs and S. J. Hobbs, Conjugal Transfer of Plasmid-Borne Multiple Antibiotic Resistance in *Streptococcus faecalis* var. *zymogenes*, *J. Bacteriol.*, **117(2)**:360-372 (1974);
- 38. M. H. Lai and D. R. Kirsch, Induction Signals for Vancomycin Resistance Encoded by the *vanA* Gene Cluster in *Enterococcus faecium*, *Antimicrob*. *Agents*. *Chemother*., 40(7):1645-1648 (1996);
- 39. B.L.M. De Jonge et al., Peptidoglycan Composition of Vancomycin-Resistant Enterococcus faecium, Microb. Drug Resist. 2:225-229 (1996);
- 40. S. Evers et al., Genetics of Glycopeptide Resistance in Enterococci, *Microb. Drug Resist.* 2:219-223 (1996);
- 41. P.E. Reynolds, Structure, Biochemistry, and Mechanism of Action of Glycopeptide Antibiotics, Eur. J. Microbiol.

  Infect. Dis. 8:943-950 (1993); and

U.S. Serial No.: 09/938,746

Filed: August 23, 2001

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42. K. Matusmoto, A Vancomycin-Related Antibiotic From Steptomyces Sp. K-288, J. Antibiotics, Ser. A. 14(3):141-146 (1960).

Applicants request that the Examiner review the references and make them of record in the subject application.

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicant's undersigned attorney invites the Examiner to telephone him at the number provided below.

No fee, other than the enclosed filing fee of \$385.00, is deemed necessary in connection with this Preliminary Amendment. However, if any additional fee is required, authorization is hereby given to charge the amount of such fee to Deposit Account No. 03-3125.

Respectfully submitted,

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